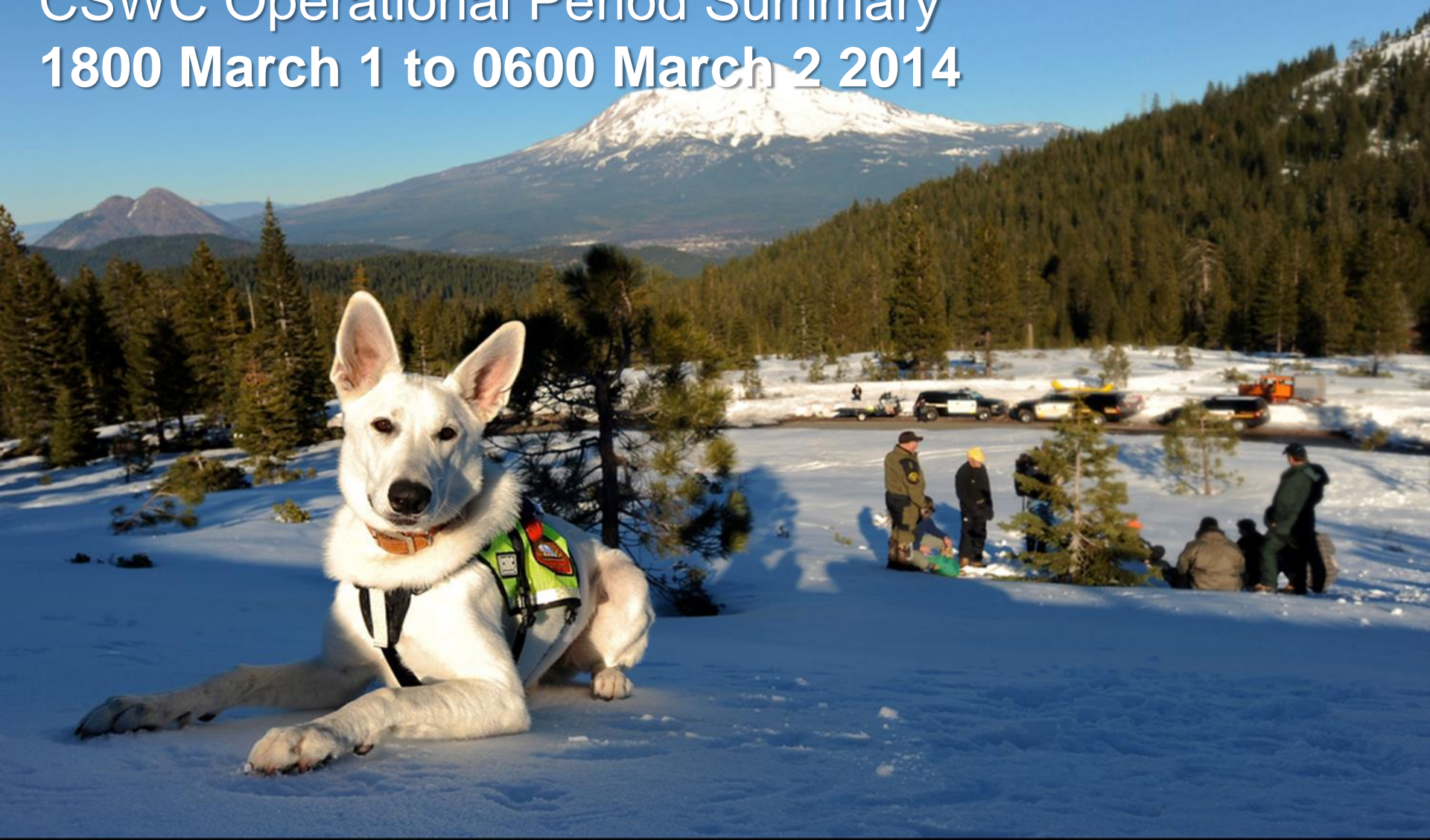


# CSWC Operational Period Summary 1800 March 1 to 0600 March 2 2014



**Cal OES**  
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OF EMERGENCY SERVICES

# **SITUATION SUMMARY**

## **Current Weather:**

### **Northern California**

General rain accumulations in Northern California in the past 24 hours have ranged between 0.03 inches in Stockton to 4.41 inches in the Mining Ridge area of Monterey County.

Watershed areas in northern California generally received less than 1 inch of precipitation with the Shasta Dam area receiving 0.28 inches of precipitation in the last 24 hour period. The remainder of the forecasted area has received 0.01 inches – up to 0.64 inches.

### **Current average snow water equivalents, percent of normal for this date (No Change)**

North: 18 percent (7 percent increase in 72 hours)

Central: 36 percent (7 percent increase in 72 hours)

South: 36 percent (16 percent increase in 72 hours)

### **Southern California**

General rain accumulations in the past 24 hours have ranged from 0.38 inches in Long Beach to 4.25 inches in the Nordhoff Ridge area of Ventura County.

Southern California rainfall amounts will be light with few if any locations seeing more than a tenth of an inch. Widely scattered residual light showers along and west of the mountains will end by this evening. Additional rainfall will mostly range from one tenth of an inch or less near the coast to one tenth to one quarter inch on the coastal slopes with isolated greater amounts. Snow levels near 5500 feet will rise to 6000 to 6500 feet this afternoon and evening.



## Observed Precipitation Map - Northern California

California Nevada River Forecast Center

This map displays data from automated gages that have not been verified for accuracy. Units of measurement are inches. M denotes missing data.

Past Duration 24 hours  
As of 0500 hours



24 Hour Precipitation (Inches) Ending Sun Mar 02 2014 at 05 AM PST

NOAA / NWS / California Nevada River Forecast Center



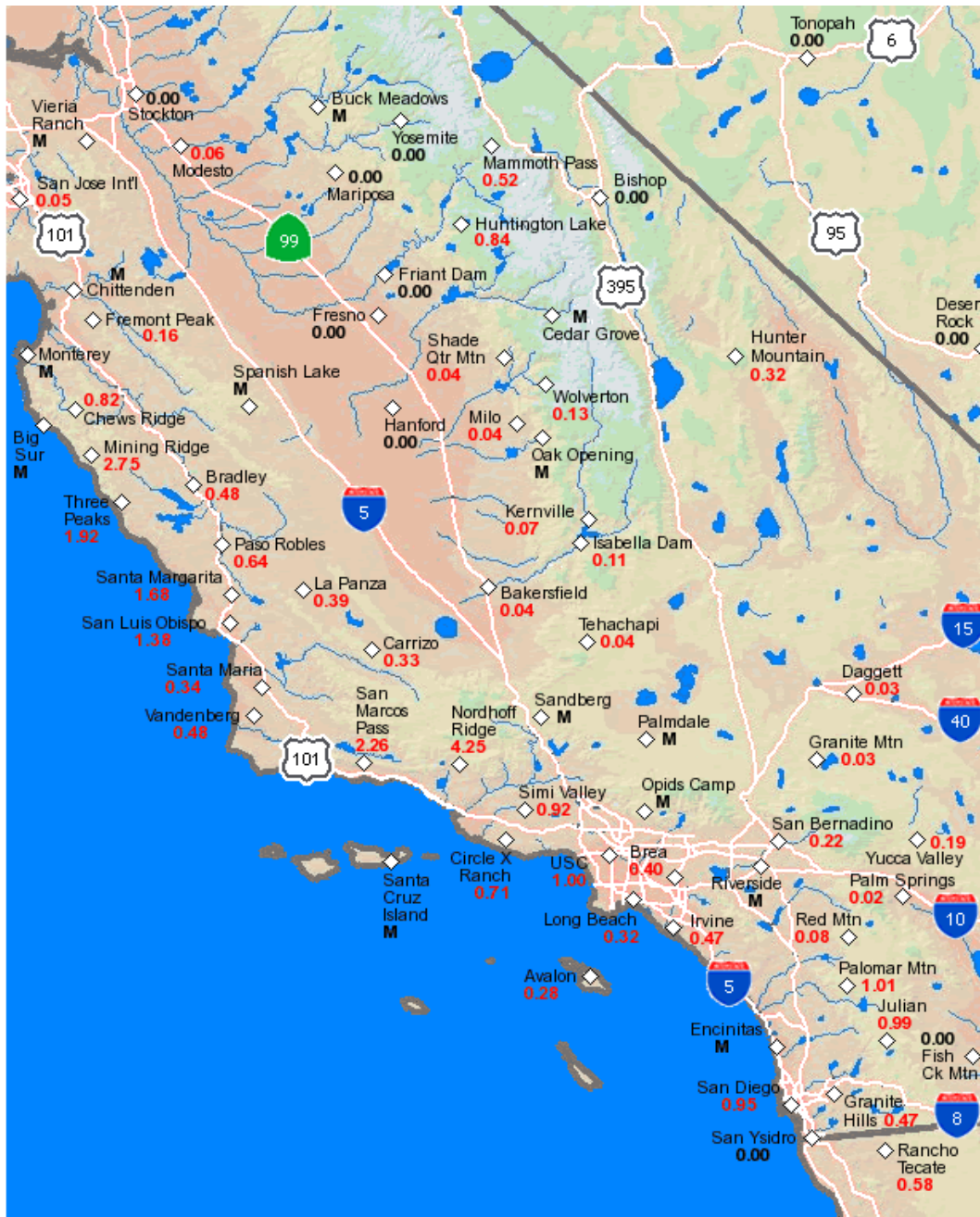
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## Observed Precipitation Map - Southern California

California Nevada River Forecast Center

This map displays data from automated gages that have not been verified for accuracy. Units of measurement are inches. M denotes missing data.

Past Duration 24 hours  
As of 0500 hours



24 Hour Precipitation (Inches) Ending Sun Mar 02 2014 at 05 AM PST  
NOAA / NWS / California Nevada River Forecast Center



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### **Longer Term Outlook:**

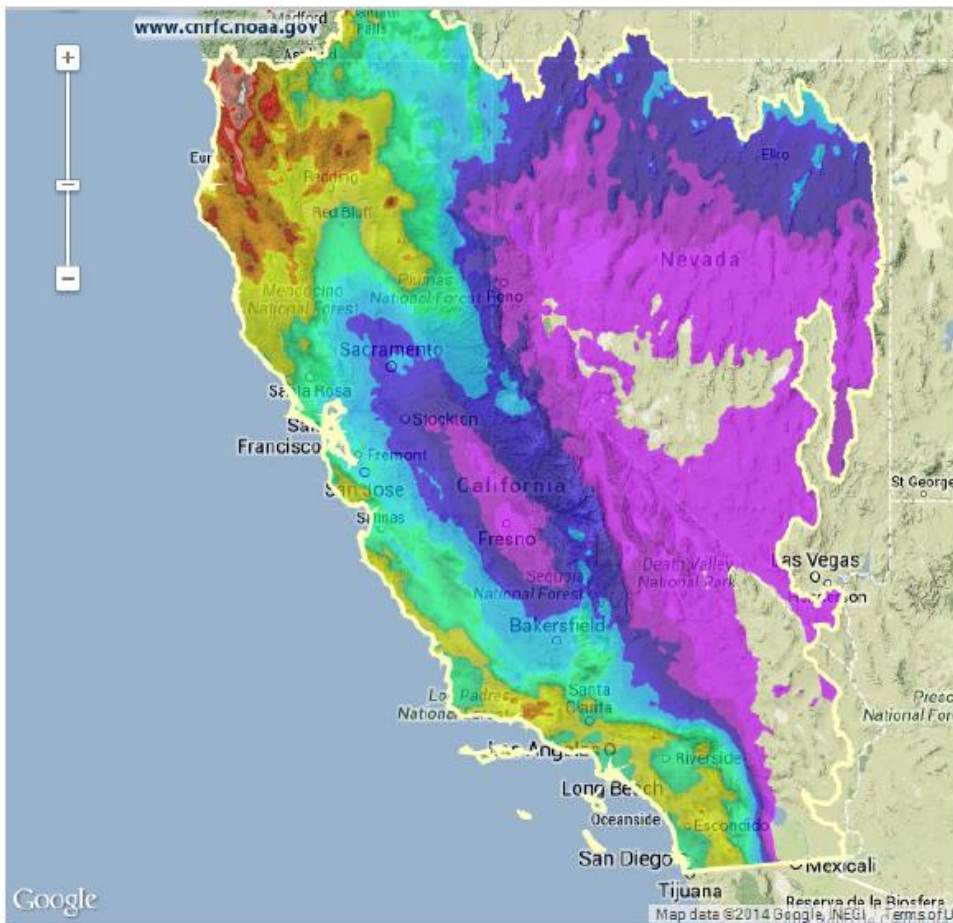
The storm track will shift to northern California and the Pacific northwest next week. A series of mild Pacific weather systems will again increase chances for precipitation across northwest California. By mid-late week, additional precipitation could occur further south, including the Coast Range (with only light amounts expected south of San Francisco Bay) and the northern-central Sierra Nevada.

The Climate Prediction Center forecasts increased chances for above normal precipitation in northwest California for the period March 6-10, and near equal chances for the remainder of the state. The 8-14 day outlook indicates near equal chances throughout the state for the period March 8-14.

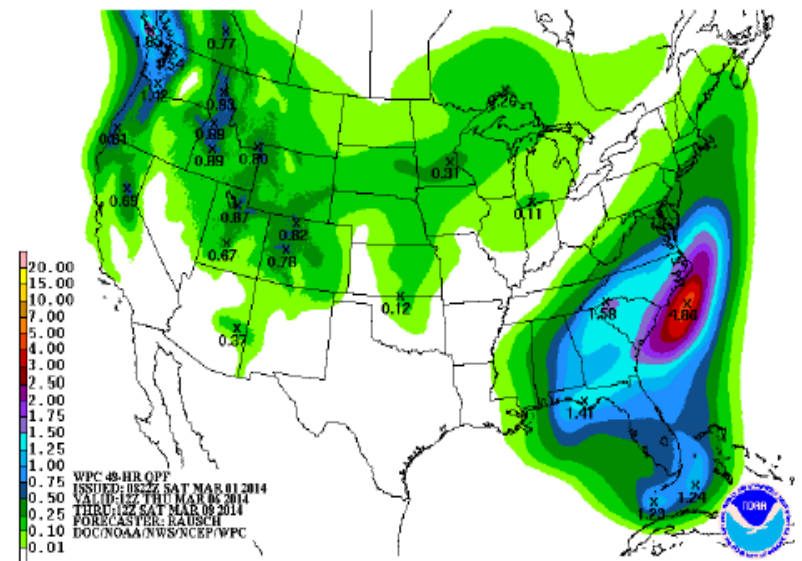
### **Snow Levels:**

- Northern Mountains: 6500-7500 ft Sunday, rising to 7500-8500 ft Monday, further rising to 7500-10000 ft Tuesday and Wednesday
- Central and Southern Sierra: 6500-8000 ft Sunday, rising to 8000-10000 ft Monday, further rising to 9000-11500 ft Tuesday and Wednesday
- Southern Mountains: 8500-10500 ft Sunday, rising to 9000-11500 ft Monday, further rising to 12000 ft Tuesday and Wednesday





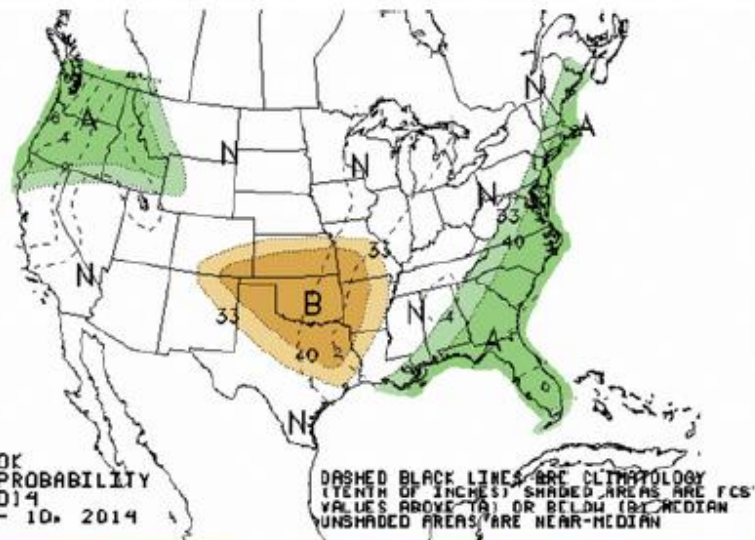
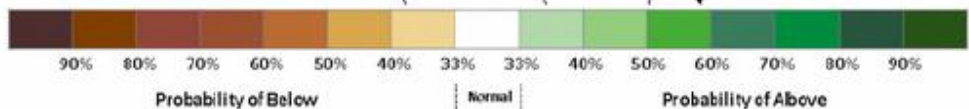
Forecast precipitation totals, valid Saturday morning March 1 through Thursday morning, March 6, 2014.



Forecast 48 hour precipitation totals, valid Thursday morning, March 6 through Saturday morning, March 8, 2014.



6-10 DAY OUTLOOK  
PRECIPITATION PROBABILITY  
MADE 28 FEB 2014  
VALID MAR 06 - 10, 2014

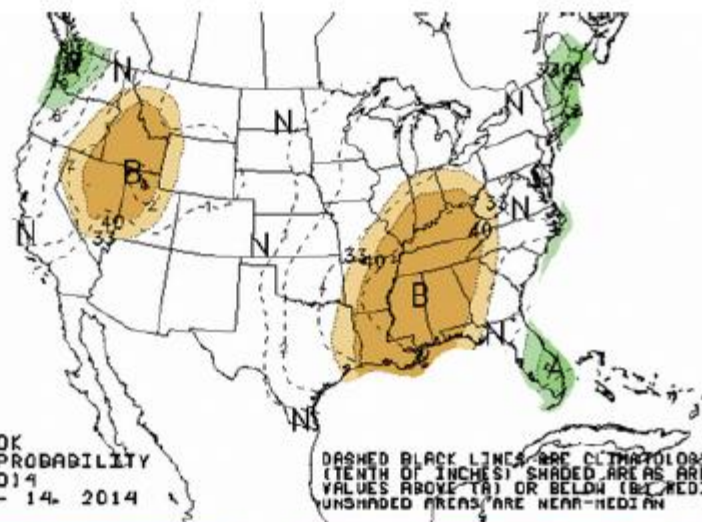
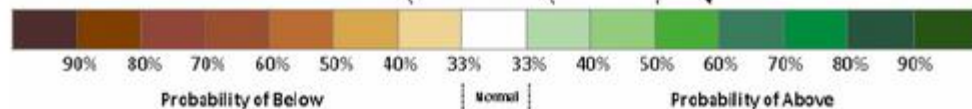


DASHED BLACK LINES ARE CLIMATOLOGY  
(TENTH OF INCHES) SHADED AREAS ARE FCS  
VALUES ABOVE (A) OR BELOW (B) MEDIAN  
UNSHADED AREAS ARE NEAR-MEDIAN

Climate Prediction Center 6-10 Day Outlook, valid March 6-10, 2014.



8-14 DAY OUTLOOK  
PRECIPITATION PROBABILITY  
MADE 28 FEB 2014  
VALID MAR 08 - 14, 2014



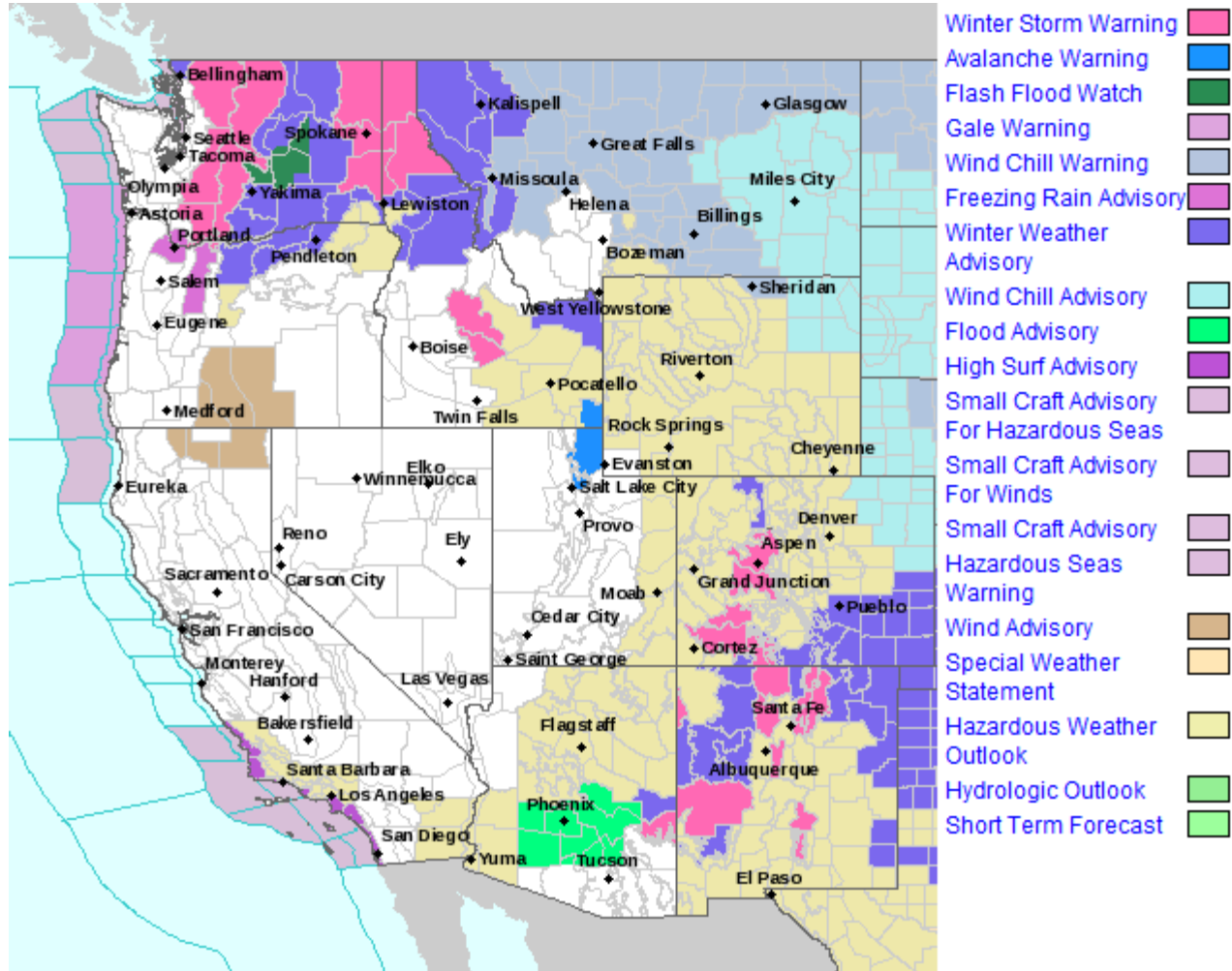
DASHED BLACK LINES ARE CLIMATOLOGY  
(TENTH OF INCHES) SHADED AREAS ARE FCS  
VALUES ABOVE (A) OR BELOW (B) MEDIAN  
UNSHADED AREAS ARE NEAR-MEDIAN

Climate Prediction Center 8-14 Day Outlook, valid March 8-14, 2014.



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# STATE WEATHER MAP



Last map update: Mar, 2nd 2014 at 5:14:11 am MST

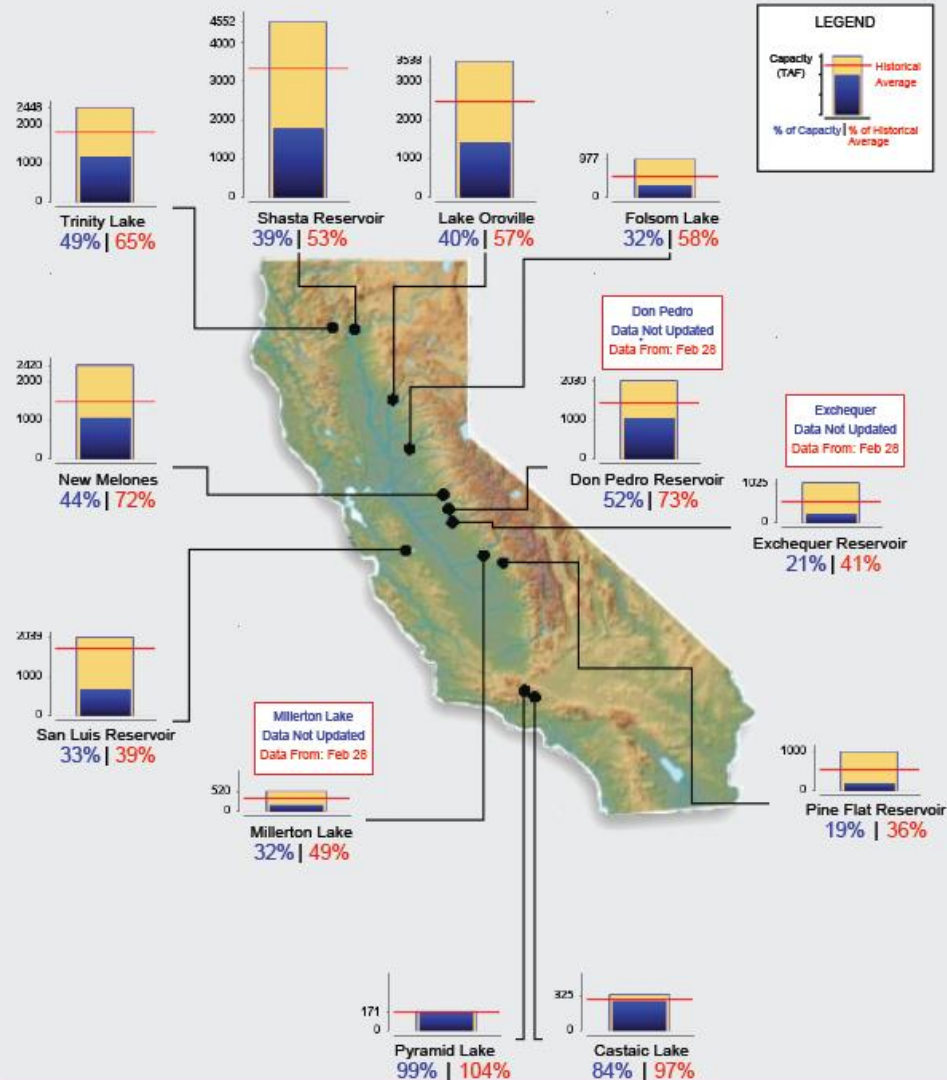




# Reservoir Conditions

Ending At Midnight - March 1, 2014

## CURRENT RESERVOIR CONDITIONS



Graph Updated 03/02/2014 06:45 AM



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# **CAL OES ACTIVATIONS**

## **Cal EOC Incident – 2014 Drought**

- The SOC is activated at Level 2 in support of the Drought State of Emergency from 0800-1700 hours daily. The Inland REOC is activated at Level 2 from 0800-1700 Monday through Friday or as needed. The Southern REOC is activated at Level 1.

## **2014 – Winter Storms**

- **State Operation Center**  
The SOC is activated at Level 2 0700 hours – 1900 hours
- **Inland REOC**  
Inland Region Duty Officer continues to monitor the current winter storm. A staffing pattern for the Inland REOC has been established if activation is needed.
- **Coastal REOC**  
Coastal Region Duty Officer continues to monitor the current winter storm.
- **Southern REOC**  
The Southern REOC is activated at Level 2 today from 0600 – 1000 with minimal staffing

# **SIGNIFICANT EVENTS / ACTIVITY**

## **Cal EOC Incident – 2014 Drought**

**Situational Summary: (No change) Next report Monday March 3, 2014**

- The lack of winter rain and snowfall has resulted in extremely dry conditions in many parts of the State. Reservoir levels are down significantly from where they should be on average for this time of year. If conditions continue without substantial rainfall, severe impacts to municipal water supplies, agriculture (plants and livestock) and firefighting capabilities are likely in store for the State for several months. Negative economic impacts will also result. The Governor has established a Drought Task Force to prioritize State actions needed to address these conditions. Governor Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions. The State Operations Center (SOC) is activated to implement objectives in support of the Governor's priorities.
- Many local jurisdictions have enacted water conservation measures. The Office of Emergency Services is in close contact with counties and local officials to monitor the water conditions, agriculture and economy.
- As a result of the drought DWR has informed the customers of the State Water Project (SWP) that deliveries in 2014 will be discontinued if current dry conditions persist. Deliveries to agricultural districts with long-standing water rights in the Sacramento Valley may be cut 50 percent (the maximum permitted by contract) depending upon future snow survey results. Storage in key reservoirs now is lower than at this time in 1977, one of the two previous driest water years on record. While additional winter storms may provide a limited boost to reservoir storage and water deliveries, it would need to rain and snow heavily every other day from now until May to get us back to average annual rain and snowfall. The allocation may change depending on future storm events.



### Declarations/Resolutions/Proclamations

- **Monterey County Proclamation Due to the Forecasted Series of Storms:**

Monterey County has proclaimed the existence of a local emergency due to a series of storms and related weather events, commencing on or about February 26, 2014 continuing through Sunday, March 2, 2014 causing flooding, mud and debris flow in areas extremely vulnerable to these threats due to post Pfeiffer Fire wildfire in December 2013. Immediate action is necessary to mitigate the effects of the local emergency; and this emergency does not permit delay from competitive solicitation to let contracts for bids. No state assistance is being requested and no Governor's Proclamation is being requested. Cal OES Coastal Region is dispatching staff to Monterey County to identify needs and provide necessary resource support from the State. Update: Monterey County EOC did not activate on Friday, 2/28/2014. Cal OES Coastal Region Emergency Services Coordinator was demobilized.

- **Los Angeles County Expected Proclamation**

Cal OES is expecting to receive a Proclamation for a State of Emergency in Bouquet Canyon located near Santa Clarita that was passed on February 25, 2014 by the Los Angeles County Board of Supervisors. Local residents' well water levels have dropped due to silt buildup in Bouquet Creek. Recent fire and storm events have increased sediment deposits in Bouquet Canyon Creek reducing its flood carrying capacity. The reduced flood carrying capacity minimized the recharge to groundwater wells which are the sole source for potable water for approximately 150 properties in the area.

## Current 2014 – Winter Storms (Cont.)

### Declarations/Resolutions/Proclamations

- **Los Angeles County Proclamations**

- A Proclamation of local emergency from the City of Glendora, Los Angeles County due to winter storms has been received with no request for State assistance.
- A Proclamation of local emergency from the City of Monrovia, Los Angeles County due to winter storms has been received with no request for State assistance.
- A Proclamation of local emergency from the City of Azusa, Los Angeles County due to winter storms has been received with no request for State assistance.

## Current 2014 – Winter Storms (Cont.)

### Road Closures:

#### HIGHWAY CONDITIONS REPORT AT 5:45 ON 3/2/14

- **SR 2**

3.2 mi west of the junction of I 210 to 6 mi east of La Canada (Los Angeles Co) – due to a rock slide - motorists are advised to use an alternate route

From one mile east of Newcomb's Ranch to Islip saddle (Los Angeles Co) - due to snow

At Islip Saddle (Los Angeles Co) - due to a rock slide - a detour is available

At Big Pines (Los Angeles Co) - due to a rock slide - a detour is available

- **I 5** At Atlantic Blvd in Commerce (Los Angeles Co) - due to flooding - motorists advised to use an alternate route

- **SR 33**

In the Southern California area from 0.5 mi south of Los Padres National Forest (Ventura Co) to the Ventura/Santa Barbara Co line - due to mud slides - motorists are advised to use an alternate route.

- **SR 39**

In the Southern California area -from 1 mi north of Azusa to 5.5 mi south of Islip saddle (Los Angeles co) - due to safety concerns - motorists are advised to use an alternate route

From 4.5 mi south of Islip saddle (Los Angeles Co) - due to storm damage - motorists are advised to use an alternate route



## Current 2014 – Winter Storms (Cont.)

### Road Closures:

#### HIGHWAY CONDITIONS REPORT AT 5:45 ON 3/2/14

- **SR 41**

In the Central California area 8 mi south of the Junction of SR 229 /at Homestead Rd/ (San Luis Obispo Co) - due to downed power lines - motorists are advised to use an alternate route

- **SR 74**

In the Southern California area-from 15.2 mi west to 5.2 mi west of the junction of I 15 (Riverside Co) Due to rock slides - motorists are advised to use an alternate route

- **SR 89**

In the Central California area & Sierra Nevada from the Junction of US 395 (Mono Co) to the Junction of SR 4 /Monitor Pass/ (Alpine Co) - due to snow - motorists are advised to use an alternate route.

- **SR 140**

Vehicles over 45 feet are prohibited & one way controlled traffic for all other vehicles 20 mi East of Mariposa (Mariposa Co) 24 hours a day 7 days a week - due to slide repairs

- **SR 158**

From 3.5 mi north of June Lake Village at Power Plant to the north junction of US 395 (Mono Co) - due to snow - motorists advised to use an alternate route



## **Current 2014 – Winter Storms (Cont.)**

### **Operational Area Status for Rain Event February 28 – March 2, 2014:**

**Inland Region:** Inland Region personnel have made positive contact with Operational Areas (OAs) and there are no concerns or request for State assistance at this time.

## **Current 2014 – Winter Storms (Cont.)**

### **Operational Area Status for Rain Event February 28 – March 2, 2014:**

#### **Coastal Region:**

Cal OES Coastal Region facilitated a conference call with the National Weather Service and OA's due to incoming weather on March 1, 2014 at 0800 hours:

**Monterey County** - All mitigation measures are completely successful in the 2013 fire burn zone. Water is running smoothly through the area, no mud, debris or other moving or washing out/down in that area.

Alameda, Contra Costa, Del Norte, Humboldt, Lake, Marin, Mendocino, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, and Sonoma are monitoring with no concerns/requests at this time.



## **2014 – Winter Storms (Cont.)**

### **Operational Area Status for Rain Event February 28 – March 2, 2014: (Cont.)**

#### **Southern Region:**

The Southern Region is expecting increasing heavy rains, localized flooding and mud and debris flows in the recently burned areas throughout today, Sunday, March 2, 2014 continuing through this evening.

#### **Evacuations:**

- Cities of Azusa and Glendora for 1020 residences in the Colby Fire burn area
- Lake Hughes for 12 homes due to flooding and mudslides today
- City of Monrovia issued an evacuation advisory which is estimated at 200 residences.

## 2014 – Winter Storms (Cont.)

### Operational Area Status for Rain Event February 28 – March 2, 2014: (Cont.)

#### Evacuation Center: (No AFN issues/needs reported, No overnight shelter population)

- **Crowther Teen and Family Center 241 W Dawson Avenue, Glendora 91740**
  - Population - 0
  - Shelter Capacity 100 cots
  - Evacuation Capacity 150 seats
- **Monrovia Community Center 119 W. Palm Ave, Monrovia 91016**
  - Population – 0
  - Shelter Capacity 30 cots
  - Evacuation Capacity 150 seats

#### Animal Shelters:

- Department of Animal Care & Control (DACC) has placed a mobile animal shelter at Crowther Community Center.
  - The trailer had the capacity to house 30-40 domestic animals. Currently they are housing 3 dogs in the trailer.
- Inland Valley Humane Society (IVHS)
  - Population - 4 dogs and 5 cats housed in a trailer (Crowther Community Center).

#### Activations:

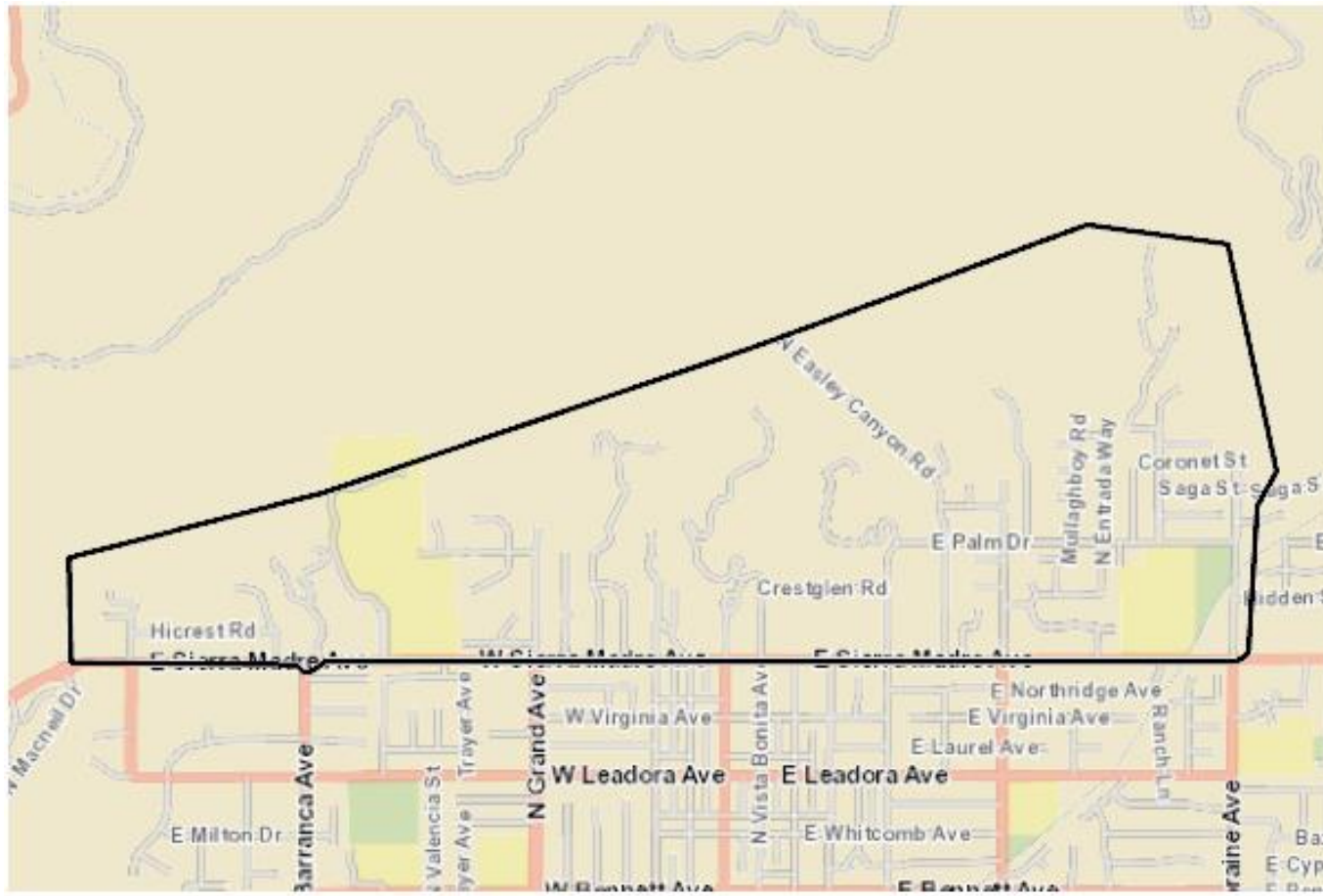
LA County EOC Activated  
Glendora  
Azusa  
Monrovia  
San Bernardino County

Level 1  
Level 3 as of 0600 hours  
Level 2 as of 0400 hours  
Level 2 as of 0800 hours  
Level 1 Duty Officer

## 2014 – Winter Storms (Cont.)

## Operational Area Status for Rain Event February 28 – March 2, 2014: (Cont.)

## Glendora Evacuation Area, Los Angeles County



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## **2014 – Winter Storms (Cont.)**

### **Operational Area Status for Rain Event February 28 – March 2, 2014: (Cont.)**

#### **AFN/Vulnerable/Special Populations**

- Department of Public Social Services (DPSS) is contacting IHSS At-Risk Consumers living in the impacted area to check on their well-being. In addition, DPSS is sending out an Outbound Call to all IHSS Consumers living in the impacted area informing them about Flash Flood Watch and to take appropriate precautions.



## **2014 – Winter Storms (Cont.)**

### **Operational Area Status for Rain Event February 28 – March 2, 2014: (Cont.)**

#### **Road Closures**

No lifeline routes closed. Numerous roads are closed due to rockslides and weather.

#### **San Bernardino County**

- San Timoteo Canyon Road is closed from Alessandro Road in Redlands.
- Nesthorn Drive at Bergschrund Drive – Crestline Area
- Valley of the Falls Drive at Canyon Road – Forest Falls
- Wrightwood - Lone Pine Canyon Road from Hwy 138 to East Canyon Drive

#### **Los Angeles County**

- Bouquet Canyon Road From 1.9 Miles North of Vasquez Canyon Road to 0.6 Miles South of Big Oaks Lodge
- Castaic/Lake Hughes: Elizabeth Lake Rd, Pine Canyon Rd to Munz Ranch Rd, closed due to mudslides

## **2014 – Winter Storms (Cont.)**

### **Operational Area Status for Rain Event February 28 – March 2, 2014: (Cont.)**

#### **Los Angeles County (Cont.)**

- Angeles National Forest: Glendora Ridge Road from Mount Baldy Road to Glendora Mountain Road; Glendora Mountain Road from Big Dalton Road to East Ford Road; Upper Tujunga Canyon Road from Angeles Crest Hwy to Angeles Forest Hwy; Mt. Wilson Red Box Rd from Video Rd. to Angeles Crest Highway to Aliso Canyon Rd; Big Tujunga Canyon Rd from Angeles Forest Hwy to the Los Angeles City Boundary
- Hillcrest Road between North Yucca Ridge Road and E. Sierra Madre Avenue due to a mudslide.
- East Sierra Madre Avenue between McNeil Drive and Barranca Avenue
- Old San Gabriel Road from the Azusa City Boundary to Angeles National Forest
- Avenue T from Longview Road to 165<sup>th</sup> Street East (Pearblossom)
- East 90<sup>th</sup> Street from Juniper Street to S Alameda Street (Florence/Firestone)
- Frontier Circus Street from Avenue P-8 to Stagecoach Avenue (Lake Los Angeles)
- 134<sup>th</sup> Street West from Lancaster Road to Avenue G-12 (Del Sur)
- 30<sup>th</sup> Street West from Avenue D to Avenue A (Del Sur)
- Avenue C from 30<sup>th</sup> Street West to Sierra Highway (Del Sur)

## **Current 2014 – Winter Storms (Cont.)**

### **Operational Area Status for Rain Event February 28 – March 2, 2014: (Cont.)**

#### **Riverside County**

Cal Fire/Riverside County Fire Dept. has activated their Swift Water Rescue Teams; Teams are strategically placed throughout the County

# **CAL OES MISSIONS**

## **Drought Related Missions**

- **2014-Inland-2185** Tuolumne County does not have a water master or any alternative resources to assist in determining the health of their ground water system. The County is requesting state agency expertise to assist with this determination.

## **2014 California Winter Storms Missions**

### **SREOC Agency Representative Missions, Winter Storms event:**

- 2014-SREOC-2384 for a California Highway Patrol Agency Representative to staff the CEOC at the Los Angeles CEOC on 02/28/2014 through Sunday, March 02, 2014.
- 2014-SREOC-2383 for a Caltrans Agency Representative to staff the Los Angeles CEOC on 02/28/2014 through Sunday, March 02, 2014.
- **Staffing schedule at the Los Angeles County EOC:**
  - Sunday, March 2<sup>nd</sup> – 0600 – 1800 hours

# CAL OES MISSIONS

## Ongoing Cal OES Missions

- **2014-LAW-2401** 02/28/14, 1510 hours, Santa Cruz Sheriff's Department requested the assistance of the Santa Clara County Sheriff's Department historic human remains detection (HRD) K-9 Teams. Santa Clara County SO agreed to support the mission. LDO notified the Cal OES K-9 Coordinator of the resource request. The search is scheduled for 03/12/14.
- **2014-LAW-2390** San Benito County SO is requesting two (2) Historic remains Detection K-9 Teams from Santa Clara County Sheriff's Department. Search area will be in the vicinity of Hwy 56 east of Hwy 25. Cal OES LDO is coordinating resources. Cal OES K-9 Coordinator confirmed that Santa Clara County SO would support mission request for 02/28/14. Update 2/28/2014: Additional remains were recovered and the search for more remains will resume when weather permits.
- **2014-LAW-2380** The San Bernardino County Sheriff's Department as the Regional Mutual Aid Coordinator is requesting the 9th Civil Support Team of the California National Guard for support during the running of the Auto Club Speedway's NASCAR Races to be held from Friday, March 21, 2014 through Sunday, March 23, 2014. The CNG has accepted the mission and will deploy the requested resources.



## Ongoing Cal OES Missions (Cont.)

- **2014-LAW-2307** California Department of Fish and Wildlife (DFW) has requested California Air National Guard to assist in the movement of equipment and fuel between Farallon National Wildlife Refuge and the mainland. Approximately 3-4 sorties are expected with an HH-60G helicopter any one day between 2/24-28/2014 or before 3/15/2014. After receiving the official letter of request from USFWS on behalf of the California DFW, Cal OES LDO has changed the target date of the mission to 2/27/14, the county to Marin as Stinson Beach was Identified as the primary staging area and the resource to an HH-60.
- **2014-LAW-2289** Los Angeles County requesting California National Guard (CNG) 9<sup>th</sup> Civil Support Team (CST) for the 86<sup>th</sup> Academy Awards on Sunday, 3/2/2014.
- **2014-LAW-2275** 2/23/2014 at 1742 hours the Butte County Sheriff's Office is requesting six area dogs with support personnel to assist in the search for an 81-year-old male with dementia who walked away from his residence between 1000-1200 hrs. Saturday. The requested resources will meet at the ICP at 0800 hours Monday. LDO Contacted Cal OES K-9 Coordinator who secured the requested resources. Update: 2310 hours Cal OES K-9 Coordinator advised he secured an additional 2 trailing K-9's for the search. LDO notified the Butte SO SAR leader. Update, 2/27/2014, 2118 hours: CARDA will be able to provide two (2) K-9 teams to support this mission. Update, 2/28/2014, 1807 hours: SO reports no additional clues in todays search. All MA resources have been released and search activity will continue with local resources.

## Ongoing Cal OES Missions (Cont.)

- **2014-LAW-2258** Placer County Sheriff's Department requesting 2 radio kit's (kit of 14 radios), 1 kit of VHF and 1 kit of UHF, to assist and support a mountain rescue training. Placer SO will pick-up radios on Friday, 02/28/2014, for training on the weekend of the 1st and 2nd of March.
- **2014-SOC-2111** Mission is to test the Cascadia Subduction Zone (CSZ) air bridge concept by air transporting 7 passengers from OES and 1 CANG logistics planner on 13 May 2014 from Mather to the State Staging Area (SA) in Redding, to one POD in Del Norte and one POD in Humboldt, to the Redding State SA, and return to Mather. Passengers will discuss actions at the Redding SA and at each OA POD while they are at each location. The air bridge is a critical component to CSZ response and recovery. It is imperative this concept is tested to ensure response teams can be successfully transported into the effected region and the affected Operational Areas' are able to receive aircraft at designated PODs.

# CAL OES DEPLOYMENTS

## EMAC Colorado (No change)

**2014-SOC-2101** California deployed a Recovery Specialist, Clyde Muraoka, to Colorado as requested via EMAC #510-RR-2388 to assist in flood recovery operations. The coordination process is complete. Personnel have arrived safely and reported for assignment. The deployment began on 2/09/2014 with a confirmed demobilization date of 3/12/2014.

# **UPCOMING EVENTS, TRAINING, EXERCISES**

## **Diablo Canyon Power Plant, Rehearsal / Full Scale Exercise**

Diablo Canyon Power Plant in San Luis Obispo will be hosting two full scale Hostile Action Based exercises this Spring. A dress rehearsal exercise will be held on April 16, 2014 and a FEMA evaluated exercise will held on May 21, 2014. This is part of the required biennial demonstration of our ability to protect the public from a radiological incident at the nuclear power plant.

## **2014 Golden Guardian**

Planning is currently underway for the Governor's 2014 exercise series. The series will test the *California Cascadia Subduction Zone Earthquake and Tsunami Response Plan* developed by FEMA Region IX and Cal OES

- Logistics Tabletop Exercise - March 5, 2014
- Logistics Rehearsal of Concept Drill - April 2, 2014
- REOC Communications Functional Exercise - March 27, 2014

## **The Tsunami Warning Communications Test**

Live code, activating EAS will be on the North Coast in Del Norte, Humboldt, Mendocino Counties on Wednesday 3/26/2014 (between 11:00 and Noon PDT).

- Del Norte County will be asking residents of the community to participate in a full evacuation exercise on March 26 between 1100 – 1300 hours PDT.



**Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*